

# The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

## FIELDHUNTER'S LIST

This is a list of radio amateurs' efforts to chase and collect fields (big squares) according to the Maidenhead Locator System. SM5INC is the keeper of lists of standings of grid fields worked by radio amateurs on VHF. Compiled quarterly since 1982, the list shows the situation on March 31, June 30, September 30 and December 31 at 2400 UTC. This 50 MHz list is from one (VHF) of four sponsored by the Swedish Sending Amateurs. The others are HF (part I and II), and UHF/SHF. Johnny posts on the Internet lists quarterly for each VHF/UHF/SHF amateur band.

The 50 MHz standings as of June 30, 1997 appear below and to the right of this column. In the list, the columns are: Position on list; Callsign; The station's own field; Number of fields worked; and Date last updated.

Readers are reminded that a grid field is a block of 10° latitude by 20° longitude, and is the first two letters of a grid square as determined by the Maidenhead Locator System.

Please send your info as soon as possible to SM5INC, Johnny Ryden, Rombergsgatan 39, S-745 33 Enköping, SWEDEN. Phone +46-17127883. Packet SM5INC @ SK5BB.#AROS.U.SWE.EU. E-mail: jr@abc.se

### RULES:

1. All fields must have been worked via passive reflectors.
2. All stations involved must be on the earth's surface.
3. QSL cards are not required if you are certain that the other station considers the QSO to have been completed.
4. All QSOs must have been worked from points within a circle of 1000 km radius.
5. There is no starting date for contacts to be eligible.

## Fieldhunter's List

50 MHz Standings as of June 30, 1997

by Johnny Ryden, SM5INC

Rank	Call	Field	Fields	YYMM	Rank	Call	Field	Fields	YYMM
1	JA1VOK	QM	112	9601	90	VK3ALM	QF	28	9508
2	JA6RJK	PM	93	9605		W9VA	EN	28	9706
3	JA6TEW	PM	88	9511	92	ES6QB	KO	27	9702
4	WA6BYA	CM	86	9511		VE7SKA	CN	27	9608
5	PY5CC	GG	82	9503	94	KB6NAN	CM	26	9607
6	GJ4ICD	IN	76	9608		OZ1IZB	JO	26	9410
7	W5OZI	EM	74	9405		VE6XT	DO	26	9607
8	K5AM	DM	72	9606		VY2KX	FN	26	9702
9	SV1DH	KM	71	9408		Z23JO	KH	26	9608
	W1OUB	FN	71	9601	99	SM7NNJ	JO	25	9406
11	VK3OT	QF	70	9705		WB7QBS	CN	25	9609
	VK4APG	QG	70	9612	101	GJ3RAX	IN	24	9609

14	W4DR	FM	70	9602		OZ1IEP	JO	24	9510
	K1TOL	FN	69	9503	103	DL3VEE	JO	23	9504
	N0LL	EM	69	9408	104	DL8EBW	JO	22	9404
	N5JHV	DM	69	9605		N0HJZ	EN	22	9607
17	SM7FJE	JO	68	9505		SM4POB	JP	22	9606
	TI2NA	EJ	68	9503	107	G6MXL	IO	21	9411
19	K0US	EN	67	9405		GW8FKB	IO	21	9701
	ON4KST	JO	67	9507		KL7GLL/W4	FM	21	9509
21	G3WOS	IO	66	9512		N5HHS	EL	21	9609
22	G4UPS	IO	65	9610		NL7XM	FN	21	9507
	SM7AED	JO	65	9507	112	ES5MC	KO	20	9702
24	G4IGO	IO	64	9608		OH1AJ	KP	20	9507
	PA3BFM	JO	64	9606		WA9PWP	EN	20	9611
	SM7BAE	JO	64	9507	115	DL3AMA	JO	18	9503
27	DL7AV	JN	62	9610		DL5BBL	JO	18	9507
28	KH6HH	BL	61	9505		EI7GL	IO	18	9604
	PA0RDY	JO	61	9412		OH9NYW	KP	18	9701
	W3EP	FN	61	9601	119	ES5DE	KO	17	9702
31	JM1SZY	PM	59	9609		ON4FZ	JO	17	9409
	K1GPJ	FN	59	9503		PE1EBJ	JO	17	9603
	S59A	JN	59	9404		PE1OGF	JO	17	9611
	WB8YFE	EN	59	9706		SM5NVF	JO	17	9605
35	G0JHC	IO	58	9507		WB8RUQ	EN	17	9606
	PA3EUI	JO	58	9706	125	DL1EJA	JO	16	9611
37	W7HAH	DN	57	9610		DL7ANR	JO	16	9604
	WB4DBB	FM	57	9507		ES1CW	KO	16	9702
39	F1GTU	JN	56	9705		ES5RY	KO	16	9702
	G3OIL	IO	56	9611		G4DCJ	JO	16	9608
	OZ3ZW	JO	56	9411		G8DCJ	IO	16	9509
	WA5IYX	EL	56	9508		KD4GVW	EM	16	9505
43	K0TLM	EM	55	9508		NY7AP	DN	16	9706
	W0KEA	DM	55	9509	133	G4MJS	IO	15	9506
	W3ZZ	FM	55	9601		SM3VEE	JP	15	9610
46	I5MXX	JN	53	9701		SM6MPA	JO	15	9508
	WA1AYS	FN	53	9408		XE1AVM	DK	15	9612
48	G4IFX	IO	52	9510	137	ES2RJ	KO	14	9702
	PA3FYM	JO	52	9410		G8CDW	JO	14	9511
	WA2TEO	FN	52	9604		KB0MJD	DN	14	9602
51	DJ3TF	JN	51	9601		N8ZJN	EM	14	9611
	KE7CX	CN	51	9605	141	DL7FF	JO	13	9706
	ZS6WB	KG	51	9405		ES6PZ	KO	13	9702
54	W6YLZ	DM	50	9701		K0RZ	DM	13	9501
55	PA2TAB	JO	49	9502		NO7VU	DM	13	9607
56	I0CUT	JN	48	9504		WA1ECF	FN	13	9611
	K6EID	EM	48	9706	146	ES2RW	KO	12	9702
	PE1LCH	JO	48	9703		ES5QA	KO	12	9702
	WA5QCP	DM	48	9509		K7UV	DN	12	9704
60	W3IWU	FN	47	9412		K06ET	DM	12	9701
	ZL3AAU	RE	47	9508		OH2BNH	KP	12	9407
62	G4HBA	IO	46	9502		ON4CCR	JO	12	9706
	K6FV	CM	46	9509	152	LA5TFA	JP	11	9701
64	KY5N	EM	45	9701		SM5INC	JO	11	9706
65	W3OTC	FM	44	9602	154	ES0SM	KO	10	9702
	W9JUV	EN	44	9611		ES1II	KO	10	9702
67	N5BBO	EL	43	9606		ES5PC	KO	10	9702
	S59F	JN	43	9608		KB0QDK	DN	10	9602
	VK6HK	OF	43	9510		OZ1CJX	JO	10	9602
70	K9LCR	EN	42	9601		PE1MJR	JO	10	9409
71	N5HHS	EM	40	9609		SM5PPS	JO	10	9507
	N8NQS	EN	40	9702	161	KB8TEJ	EM	9	9706
	SM3EQY	JP	40	9508		SM4HEJ	JO	9	9602
	VE7XF	CN	40	9702		VE2PIJ	FN	9	9607
75	K0CJ	EN	39	9602		XE1KK	EK	9	9601
76	SM0KAK	JO	38	9608	165	ES4NG	KO	8	9702
77	KA7MCX	CN	36	9609		NH6YK	BL	8	9601
	KH2CY	FM	36	9610		OZ2AEV	JO	8	9606
	OZ5IQ	JO	36	9508		ZRIAWZ	JF	8	9701
80	GW6VZW	IO	35	9605	169	NH6YK/KH4	AL	7	9601
	K8UNV	EM	35	9508	170	SM5KUX	JO	6	9506
82	OH1LEU	KP	34	9506	171	ES1AW	KO	5	9702
83	W6YLL	CM	33	9702		ES1HW	KO	5	9510
84	OH5IY	KP	32	9408		ES2XM	KO	5	9510
	YO2IS	KN	32	9410	174	ES1JL	KO	4	9702
86	SM7JUQ	JO	31	9506		ES1RF	KO	4	9702
87	PA0ION	JO	30	9501		ES1XT	KO	4	9702
	PA3GML	JO	30	9705	177	SK7CA	JO	3	9701
89	YO7VS	KN	29	9611					



## June-July 1997 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of G4UPS, GJ4ICD's *Internet Six News* (marked with #), SM7AED's *Six-metre Info*, JA1VOK's columns *World VHF News* in *FIVE NINE* and *VHF DX Topics* in *MOBIL HAM*, VK3OT, VE7SKA, EH8BPX, WA5QCP, XE2HWP, K6QXY, W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhh*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1997. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=mode not mentioned, H=heard only.

## Reports of Africa

### CANARY IS.

060811355 EH8ACW VE9AA  
06211955 EH8BPX 55/55 IL18 > IO80JV B G4UPS  
07161823 EH8BPX 41 later 59 w/10W! VK9AA

### CEUTA & MELILLA

06031414 EH9IE 59/59 IM75SV 50.2 S EH8BPX  
06151650 EH9IE 55 W42 4 -1655 H G4UPS

### EGYPT

06030811 SU1ER 59/59 KM50 > IO80JV S G4UPS  
06030850 SU1ER KM50 > JO66 FM7AED  
06030925 SU1ER > IO80JV H G4UPS

### MADEIRA IS.

06011141 CT3FT 51/51 IM12OP 50.2 S EH8BPX  
06091920 CT3FT 59 > IO80JV H G4UPS  
06091955 CT3FT 59/59 IM13 CDRCID S G4UPS  
06211001 CT3FT 57 -2016 > IO80JV H G4UPS  
06221010 CT3FT 59/59 IM12 50.2 S EH8BPX  
07041249 CT3FT W KP4BIT  
07161831 CT3FT 59 VK9AA

### MOROCCO

06222001 CB8LI W4D 02042 55/51 IM64 S G4UPS

## Reports of Asia (Middle East)

### CYPRUS

06010850 5B4CY 569, 5790020 > IO80JV B G4UPS  
06010850 5B4CY 44 BR1FLY H G4UPS  
06091955 5B4CY > IO81 G3HBR  
06101305 5B4CY 569 -1527 > IO80JV B G4UPS  
06121710 5B4CY 559, 569 & 1745 S G4UPS  
06131125 5B4/DF2U 449/449 KM65>IO80 C G4UPS  
06141325 5B4/DF2U 559 > IO80JV H G4UPS  
06180645 5B4/DF2U 559 > IO80JV H G4UPS  
06180645 5B4CY 559 -0715 > IO80JV H G4UPS  
06181345 5B4/DF2U 559/559 KM64 C G4UPS  
06181346 5B4CY 579 > IO80JV B G4UPS  
06181720 5B4/DF2U KEYER 50.107 B G4UPS

**GEORGIA:** JA1VOK indicates that the report of 4L5PA last month was erroneous. The same station reported 4L5O on June 22 at 0930Z and we are assuming

that report is bogus as well.

### ISRAEL

05141413 4X5UV > LL34JQ 30.110 C 73500  
05271112 4X5JA > LL34JQ 30.110 C 73500  
06091955 4X1IF > IO81 G3HBR  
05111555 4X5AO 44 W42 8 > IO80JV B G4UPS  
06111555 4X5JA > LL34JQ 30.110 C 73500  
06111703 4X6GQ > LL34JQ 30.110 C 73500  
06111703 4X1IF 559 > IO80JV B G4UPS  
06151345 4X5AO 559 > IO80JV B G4UPS

### JORDAN

06031127 JY2OT 539 > IO80JV 50.110 H G4UPS  
06050425 JY9QJ > IO80JV B G4UPS

### LEBANON

06010650 0058X 339 -0857 B G4UPS  
06181340 0058X 359 > IO80JV B G4UPS

### TURKEY

06150413 TA2ECT > IO80JV B G4UPS  
07100515 YN7PA KB91 > IO80AT 300FE

## Reports of Asia (Far East)

### HONG KONG

06270711 VR2BK 559 50.075 B JF4JPO  
06300712 VR7BAR > PL35 50.110 S J36CCU  
07080903 VR2BK 559 50.075 B JF2HCB  
07121010 VR2BK/b > QM05 50.075 B JA1VOK  
07121010 VR2BK/b > QM05 50.110 S JA1VOK  
07121010 VR2BK/b > QM05 50.120 S JA1VOK  
07121011 VR2BK/b > PM63 50.130 H JA5CNO  
07121015 VR2BK/b 240 50.130 H JF4JPP/4  
07121013 VR2BK/b > QM05 50.110 S JA1VOK  
07121019 VR2BK/b 250 59 50.110 H JA1RU  
07121014 VR2BK/b > QM05 50.075 B JA1VOK  
07121014 VR2BK/b > PM05 50.110 S JA1TGN  
07121013 VR2BK/b > PM75 50.110 S JA3JTT  
07121013 VR2BK/b > QM05 50.120 S JA1VOK  
07121015 VR2BK/b 225 58 50.140 H JF4JPP/4

### JAPAN

06080407 JA2, 3 PM74, 84, 85>PL05 184.1 W EY1JA  
07110901 JA1ADP/B 50.013 B JH0BQX  
07110400 JA1/2/3/7/9/0 -0520 144.110 S H41LTC

### KOREA, S.

06230354 HL1LTC > PM85 51.060 H JE2DWE  
06250513 HL2DJW > PM85 51.000 H JE2DWE  
06260723 HL1LTC > PM85 51.000 H JE2DWE  
07020509 DL1BU 59 mobile 50.162 JL4GTO  
07080410 HL2DJW 59 50.200 JF2HET  
07101137 HL2DJW 59 50.185 S JE1TGN  
07140648 HL2ACW 59 280\* 50.250 S JL4GTO  
07140814 HL2DJW 599 270\* CH01 50.100 C JA1RU  
07151021 HL1LTC > PM63 50.110 H JA5CNO  
07182347 HL1LTC > QM05 50.110 S JA1VOK  
07182350 HL1LTC 270 59 50.120 C JA1RU  
07190135 HL2DJW 270 599 50.100 C JA1RU  
07190700 DL2DKW 59 599 50.120 C JA1RU  
07190714 DL2DKW 270 599 50.120 C JA1RU  
07190703 HL2IKY 290 599 50.110 C JF2HCB  
07190910 DL2DKW 200 QSL HL1LTC 31.020 F JF2HCB

### Russian Federation (Asian)

06290213 UA0SK/0 330 PM88 50.170 JX1ERM  
06290510 UA0QO PM75 > QM05 50.110 C JA1VOK  
06290514 UA0SK/0 PM78 > QM05 50.170 C JA1VOK  
07020202 UA0SK/0 59+ 350 50.170 JA1RU  
07051030 UA0QO > PM63 50.110 H JA5CNO  
07051034 RW0CD > PM63 50.115 H JA5CNO  
07101330 RW0CD 340 599 50.115 JF2HCB  
07101410 RW0CD 330 CQ DX 50.115 JF2HCB  
07121002 RW0CD VL4D 50.125 JH0BQX  
07121041 RW0CD 350 53/539 50.125 H JL4GTO  
07121245 RW0CD 355 59 VL4D 50.115 JA1RU  
07121257 RW0CD 355 599 50.115 JA1RU  
07121332 UA0QO > QM05 50.110 H JA1VOK  
07121334 RW0CD 350 59 Anatol 50.110 JA1RU  
07121338 RW0CD PM78 > QM05 50.115 S JA1VOK  
07121340 RW0CD PM78 > QM05 50.115 S JA1VOK  
07121341 UA0QO > QM05 50.115 S JA1VOK  
07121343 RW0CD 50.115 S JH0BQX  
07121345 UA0QO 50.110 JH0BQX  
07121350 RW0CD > QM05 50.115 H JA1VOK  
07121354 RW0CD 350 599 50.115 JA3AGE  
07130005 RW0CD > QM05 50.150 H JA1VOK  
07130020 RW0CD > PM63 50.150 S JA6FAN  
07130043 RW0CD 350 50.113 QROQFA  
07130044 RW0CD > PM75 50.150 S JA3JTG  
07130051 RW0CD 350 59 50.150 C JA1WAK  
07130054 RW0CD > VM75 50.115 C JA3JTG  
07130139 RW0CD 350 50.159 JH0QFA  
07130210 RW0CD 0 599 QSB1 50.115 JF4JPP/4  
07130750 UA0QO 0 PM78 350CQ 50.120 JA9BHE  
07160644 UA0SK/0 350\* 59 50.170 JA1RU  
07161030 RW0CD 235\* CQ 59+>50 50.115 JF2HCB  
07161042 RW0CD CQ CQ CQ 50.115 JH0BQX  
07170628 RW0CD CQ DX 599 50.115 JF2HCB  
07180055 RW0CD CQ 599 50.115 H JF2HCB  
07180255 UA0COO 0 59 QRL huro 50.156 JL4GTO  
07180300 UA0COO 0 59+ 50.156 JF2HCB  
07180330 UA0COO 50.156 JF2HCB  
07182344 UA0SK/0 20 59 50.180 JF4JPP/4  
07190010 UA0QO > PM63 50.110 H JA5CNO  
07200828 RW0CD 350\* 599 50.110 JA1RU

### TAIWAN

06260315 BV2FG/b > PM85 50.001 B JF2DWE  
06270204 BV2FG 559 50.003 B JF2DWE  
07060240 BV1YA 240 559->599 50.105 JG1JTY  
07060415 BV0ART 225 PL05 559 50.100 JF2DWE  
07100530 BV2FG 170\* 599 50.000 B JF2HCB  
07120145 BV2FG/b > QM05 50.001 B JA1VOK  
07120215 BV4QW > PM63 50.120 H JA5CNO  
07120219 BV4QW 240 QSL 50.120 JG1JTY  
07130622 BV4QW > PM63 50.120 H JA5CNO  
07130623 BV2PU > PM63 50.160 H JA5CNO  
07130651 BV4FK > PM63 50.125 H JA5CNO  
07130153 BV2FG/b > PM63 50.001 B JA5CNO  
07130153 BV2QW > PM63 50.115 H JA5CNO  
07150227 BV3FG 250 579 /QRP 50.111 C JA1RU

## Reports of Europe

### EUROPE GENERAL

06070700 IUR INBAND TV I G4UPS  
06070645 IUR INBAND TV VY STRONG I G4UPS  
06030703 IUR INBAND TV > IO80JV I G4UPS  
06031323 IUR INBAND TV > IO80JV I G4UPS  
06040800 IUR UA INBAND TV STRONG I G4UPS  
06041345 IUR INBAND TV INTENSE I G4UPS  
06060804 IUR INBAND TV STRONG I G4UPS  
06100727 IUR WEAK INBAND TV > IO80JV I G4UPS  
06101432 IUR INBAND TV VY STRONG I G4UPS  
06130945 IUR INBAND TV > IO80JV I G4UPS  
06171646 IUR INBAND TV VY STRONG I G4UPS  
06171659 IUR INBAND TV VERY STRONG I G4UPS  
06207559 IUR INBAND TV S5 > IO80JV I G4UPS  
06240751 IUR INBAND TV WEAK <0800 I G4UPS  
06260710 IUR INBAND TV -0715> IO80JV I G4UPS  
06261111 IUR INBAND VID VY STRONG I G4UPS  
06271015 IUR INBAND TV CAI I G4UPS  
07120554 IUR VID > PM79 48.242/48.250 V H83JN  
07161600 IUR VIDEO getting loud. V VE9AA  
07170000 IUR 49 MHz video buzz 20° I VE9AA  
07170415 IUR VIDEO 48.250/49.740 V VE9AA  
07170626 IUR VID loud! Many offsets. V VE9AA

### ALAND IS.

06031412 OH0LIE 59 KO26 W4D 01424 H G4UPS  
06031453 OH0LIE 59/59 JH50KD H4TTC S G4UPS  
06031843 OH0LIE 59 > IO80JV H G4UPS  
06040550 OH0LIE > JO66 H SM7AED

**ALBANIA:** ZA1MH, Mike, is resident in Albania (4 years) and has just come on to 6, and therefore will be a regular on the band. -- G4IGO

06290813 ZA1MH JH91 > JO66 SM7AED

### AUSTRIA

06010849 OE2CAL 59/59 JH67 > IO80JV S G4UPS  
06030739 OE6BMG 579 > IO80JV H G4UPS  
06061502 OE9IM H HB9AME  
06061750 OE3KPS 59, OE6TAX 59 H G4UPS  
06091800 OE2PUL 55/59 JH67LX 50.2 S EH8BPX  
06091840 OE2PUL 59/59 JH88FE ALFRD S G4UPS  
06091903 OE3LPS 59/59 JH88HC LEO S G4UPS  
06091936 OE7YAI 579/559 JH57CQ TONY C G4UPS  
06141354 OE3KPS 59 > IO80JV H G4UPS  
06171702 OE3KPS 59 > IO80JV H G4UPS  
06171807 OE3KPS 59/59 JH87AR 50.2 S EH8BPX  
06171816 OE3KPS 55/57 JH76RT 50.2 S EH8BPX  
06171821 OE3KPS 57/57 JH77RC 50.2 S EH8BPX  
06171825 OE3KPS 57/57 JH76RQ 50.2 S EH8BPX  
06171830 OE3KPS 59/59 JH77RA 50.2 S EH8BPX  
06171835 OE3KPS 53/56 JH68SI 50.2 S EH8BPX  
06171839 OE3KPS 59/59 JH76FE 50.2 S EH8BPX  
06171839 OE3KPS 57/57 JH68PC HARRY S G4UPS  
06171839 OE3KPS 59/59 JH47VL 50.2 S EH8BPX  
06171839 OE3KPS 59/59 JH88FD CHARLIE S G4UPS  
06191540 OE6BMG 599/579 JH77 MANFRED C G4UPS

### AZORES

06181145 CU3URA/b HM68 > JO66 SM7AED  
07120554 CU3URA? 65\* > JH75 50.013 S JH3JN  
07161729 CU3URA > JH75 50.013 S JH3JN  
07161740 CU3URA > JH75 50.013 S JH3JN

### BALEARIC IS.

06011104 EH86A 59 > IO80JV H G4UPS  
06040930 EH86A 59 > IO80JV H G4UPS  
06111124 EH86A 59 > IO80JV H G4UPS  
06141826 EH86A 59 > IO80JV H G4UPS  
06230537 EH86A 44 > IO80JV H G4UPS  
06231150 EH86A 59/59 JH08 DAVE S G4UPS  
06230723 EH86A JH08 > JO66 SM7AED  
06231140 EH86A 579 CQ QSB OUT H G4UPS

### BELARUS

06031404 EU1AL 559 W42 1 > IO80JV H G4UPS  
06031424 EU1AL 559/559 KO33SU > IO80 C G4UPS  
06031701 EU1AL 559 > IO80JV H G4UPS  
06031812 EU1AL 599 > IO80JV H G4UPS  
06040433 EU1AL KO33 > JO66 SM7AED  
06040536 EU1AL 599 > JO66 SM7AED  
06041011 EU1AL 599/599 KO33SU GEORGE C G4UPS  
06041014 EU1AL 599 > IO80JV H G4UPS  
06041508 EU1AL 599 > IO80JV H G4UPS  
06031632 EU1AL 44 > IO80JV H G4UPS  
06030745 EU1AL 59/59 KO33SU BEN S G4UPS



06181628 EU5R 599/599 KO34XA> IO80JV C G4UPS  
06181837 EW8DD 59/58 KO42 VAL > IO80 S G4UPS  
06190621 EU4AA KO33 > JO66 SM7AED  
06190800 EU4AA WRAK THRU IWBAND QRM H G4UPS  
06190930 EU5R/P 599/599 KO43AJ COR C G4UPS

## BELGIUM

06031424 OH4ANT 59/59 JO20AR 50.2 S H88BFX  
06041052 OH5SE JMW29 > JO66 SM7AED  
061112XX OH4GG 579 BS WKG VELPE H G4UPS  
06111425 OH4FE 51/53 JO10SX 50.2 S H88BFX  
06241900 OH4ANT 55/55 JO20AR 50.2 S H88BFX  
06241901 OH4FE 55/55 JO10SX 50.2 S H88BFX  
06241910 OH4AVT 55/55 JO10 50.2 S H88BFX  
07101XXX OH, OI, PA, LA, G, GW, DL KM1H

## BOSNIA-HERZEGOVINA

06010828 T97M 599/599 JW93EU EDIN C G4UPS  
06020840 T97M KEYSR JW93EU 50.100 H G4UPS  
06040628 T97M JW93 > JO66 SM7AED  
06161431 T97M 599/599 JW93DU EDIN C G4UPS  
06161614 T97M 59/59 JW93DU EDIN S G4UPS  
06171443 T97M 59/59 JW93DU EDIN S G4UPS  
06171912 T97V 579/559 JW84VD IO80JV C G4UPS  
06221046 T97M 59/59 JW93 EDIN S G4UPS

## BULGARIA

06161905 LI1UF KM12 > JO66 SM7AED  
06160625 LI5SE KM21 > JO66 SM7AED  
06171912 LI1UF 59 > IO80JV H G4UPS  
06191716 LI2FO 579/579 KM13 > IO80JV C G4UPS  
06201347 LI2FO 559 > IO80JV H G4UPS

## CORSICA

06100923 TK/I2ADW 59/59 JW428C ANGELOS G4UPS

## CRETE

06100647 SV9/DL8SET 579/559 KM15WS C G4UPS  
06100904 SV9/DL8SET 57 > IO80JV H G4UPS  
06121755+SV9/DL8SET 555, 55 -1854 H G4UPS  
06121755+SV9/DL8SET 55 > IO80JV H G4UPS  
06131626 SV9/DL8SET H89AME  
06141354+SV9/DL8SET 55 > IO80JV H G4UPS  
06141512 SV9/DL8SET 579 > IO80JV H G4UPS  
06171548 SV9/DL8SET KM15 > JO66 SM7AED  
06171600+SV9/DL8SET 56 > IO80JV H G4UPS

## CROATIA

05161010 9A2DI JMW5 > JO66 SM7AED  
06010842 9A1CAL 59/59 JH86FJ > IO80JV S G4UPS  
06010843 9A4MY 599/599 JH75BC > IO80JV C G4UPS  
06010850 9A7V 59/59 JH86EH > IO80JV S G4UPS  
06020929 9A3ET 599/599 JH83 RHHY C G4UPS  
06030705 9A5I 59 > IO80JV H G4UPS  
06041709+9A2YC 59 > IO80JV H G4UPS  
06061023 9A4QV 55/55 JH75 > IO80JV S G4UPS  
06091756 9A3HE 55/55 JH86FJ 50.2 S H88BFX  
06091757 9A3AT 55/59 JH86EH 50.2 S H88BFX  
06091805 9A3ET 51/55 JH83FM 50.2 S H88BFX  
06091816 9A3ETL 59/59 JH83FM 50.2 S H88BFX  
06091853 9A3HE 59/59 JH86FJ > IO80JV S G4UPS  
06091908+9A3AT 59 > IO80JV H G4UPS  
06101437+9A3ET 569 -1445 > IO80JV H G4UPS  
06141701 9A3ET 579 > IO80JV H G4UPS  
06141704+9A3TU 55 -1715 > IO80JV H G4UPS  
06161433 9A3ET 59/59 JH83FM RHHY S G4UPS  
06170715 9A5I JMW5 > JO66 SM7AED  
06171614 9A3ET 59 > IO80JV H G4UPS  
06171614 9A4MY 599/599 JH75BC C G4UPS  
06171834 9A6M 59/59 JH86GA 50.2 S H88BFX  
06171912 9A2OM 59 > IO80JV H G4UPS  
06180753+9A3ET 59 WKD 0802 > IO80JV H G4UPS  
06181628+9A4MY 559 > IO80JV H G4UPS  
06181816+9A3HE, 9A3AT 59, 9A1CAL 59 H G4UPS  
06181922 9A1BOP 599/599 JH951W IO80JV C G4UPS  
06191551 9A6M 579/559 JH86GA > IO80JV C G4UPS  
06220922 9A7D 59/59 JH95C1 JIM S G4UPS  
06221109 9A2YD/P 59/57 JH74JD HED H G4UPS  
06221109 9A4QV 579 > IO80JV H G4UPS  
06241152 9A4QV JH75 > JO66 SM7AED  
06281948 9A3ET 599/559 JH83 -1951 C G4UPS  
07100630-9A > S England 144 Es Q

## CZECH REPUBLIC

06010844 OK2HRB 599/599 JH89FF EDENK C G4UPS  
06010846 OK1MP 599/599 JO70FC > IO80JV C G4UPS  
06041342 OK2BDS 599/599 JH79WF LUDVIK C G4UPS  
06041345+OK2BGN 579 > IO80JV H G4UPS  
06041756+OK2DE 59 > IO80JV H G4UPS  
06061740+OK1PRG 57 -1850 > IO80JV H G4UPS  
06070737+OK1DQY 59 > IO80JV H G4UPS  
06091802 OK1ME 59 > IO80JV H G4UPS  
06091821 OK2DE 59/59 JH89UE JARDA S G4UPS  
06091827 OK1FFD 55/55 JO60CF 50.2 S H88BFX  
06091829 OK1DDO 59/57 JO60JD 50.2 S H88BFX  
06091908 OK2WD 599/599 JH99BL TOMI C G4UPS  
06092128 OK1RMS 59/59 JO80AM VLADA S G4UPS  
06092141 OK1KT 579/579 JO70WE VRATA C G4UPS  
06101527+OK2PPP 57 > IO80JV H G4UPS  
06150625 OK1DDO JO60 (tropo) SM7AED  
06171702 OK2BEL 59/57 JH99HQ > IO80JV S G4UPS  
06171702+OK2BGN 59 > IO80JV H G4UPS  
06171819 OK2BGN 55/59 JH89CH 50.2 S H88BFX  
06171822 OK2BEL 57/57 JH99HQ 50.2 S H88BFX  
06180742 OK2RX 56/56 JH89 > IO80JV S G4UPS  
06181026 OK1VBN 55/55 JH78FX 50.2 S H88BFX  
06181227 OK1PAV 59/59 JO60JA JARDA S G4UPS  
06181306 OK1VQ 599/599 JO60UP MIREK C G4UPS  
06181309 OK1ARF 599/599 JO60SH C G4UPS  
06181635 OK1MP JO70 > JO66 SM7AED  
06181238 OK1FFD 599 -2200 > IO80JV H G4UPS  
06261125+OK2RX 57 > IO80JV H G4UPS

06261131+OK2SEL 59 > IO80JV H G4UPS

## DENMARK

06010715+OK3SW 59 > IO80JV H G4UPS  
06021027 OK1ELF 59/59 JO45 50.2 S H88BFX  
06031435 OK5AR 599/599 JO65CF ALLAN C G4UPS  
06031439+OK6VHF 569, OK7IOY 599 B G4UPS  
06031439+OK8ABE 59 > IO80JV H G4UPS  
06031706 OK3BDL 59 RAPED QSB > IO80 H G4UPS  
06041116+OK7DK 59, OK8ABE 59 > IO80JV H G4UPS  
06041440 OK6VHF 569 -1500 > IO80JV H G4UPS  
06061544 OK1CDE 59/58 JO65GP > IO80 S G4UPS  
06061544+OK7IOY 599, OK6VHF 569 B G4UPS  
06061603 OK9ABV 59 > IO80JV H G4UPS  
06070650 OK6VHF 539 VLO8CI < > IO80JV B G4UPS  
06080800 OK6VHF H89AME  
06081100 OK3SW 59/59 JO54RS TORD S G4UPS  
06081110 OK2LD 59/59 JO54TU H G4UPS  
06081122 OK6WTR 59/59 JO65CP > IO80 S G4UPS  
06081122+OK7IOY 599+ > IO80JV H G4UPS  
06081133 OK5QF 59/59 JO45VB > IO80JV S G4UPS  
06081134 OK1NET 59/59 JO65DW S G4UPS  
06081137 OK3BDL 59/59 JO65FS DAVE S G4UPS  
06081203 OK1BTE 59/59 JO66EC S G4UPS  
06081205 OK5AGJ 59/59 JO56DF S G4UPS  
06091936 OK4VV 59/59 JO46 50.2 S H88BFX  
06092147+OK1LIT 59 > IO80JV H G4UPS  
06092147+OK6VHF 559 -2230 > IO80JV H G4UPS  
06100737 OK6VHF 599 > IO80JV B G4UPS  
06130945 OK6VHF 599+ -1022 > IO80JV B G4UPS  
06131018 OK4VV 59/59 JO46 FIIN C G4UPS  
06150750 OK3SW VERY WEAK CW H G4UPS  
06151529 OK2LD 59/59 JO54TU CHRISTIAMS G4UPS  
06180759 OK3SW 59/59 JO54 TOR S G4UPS  
06181055 OK8YV 55/53 JO46WG 50.2 S H88BFX  
06181056 OK9MI 59/59 JO65DJ 50.2 S H88BFX  
06181913 OK3IG 59/59 JO65CF HENRY S G4UPS  
06181916 OK8ABE 59/59 > IO80JV H G4UPS  
06181941 OK3SW 59/59 JO54 TOR S G4UPS  
06221144 OK1FICP 51/51 JO64GK 50.2 S H88BFX  
06221610+OK6VHF 599 > IO80JV B G4UPS  
06221625 OK6ABA 55/55 JO57DJ LEIF S G4UPS  
06240745 OK6VHF 599 < 0753 > IO80JV B G4UPS  
06251006 OK6VHF 579 > IO80JV B G4UPS  
06301850 OK3SW 59/59 JO54 TOR > IO80 H G4UPS  
06301850+OK7IOY 599 > IO80JV B G4UPS  
06301900 OK4D 599, OK8ABE 59 H G4UPS

## ENGLAND

05150727 G7DWI J000 > JO66 SM7AED  
05191656 2R0AZ > LL34JQ 50.950 C 78500  
05191659 383YC > LL34JQ 50.095 C 78500  
06021356 G6YIE 59/59 IO93 50.2 S H88BFX  
06021359 G1JGE 51/53 JO49EV 50.2 S H88BFX  
06061005 2A1UB H89AME  
06061502 9LBOV H89AME  
06071635+NOBAA/P H89AME  
06081125 G48IV/P H89AME  
06111422 M1ABU 55/57 JO01CJ 50.2 S H88BFX  
06111429 7RMCQ 55/55 JO02CM 50.2 S H88BFX  
06111430 G3WOS 54/55 IO91 50.2 S H88BFX  
06111431 G3HBR 51/52 IO91 50.2 S H88BFX  
06111432 G3VMJ 55/55 JO01GR 50.2 S H88BFX  
06111434 G4DEL 51/55 IO91HC 50.2 S H88BFX  
06111436 G61JQ 54/55 IO91VH 50.2 S H88BFX  
06120445 G3CCH IO93 (E-scatter) SM7AED  
06150719 G4UPS (E-scatter) SM7AED  
06181027 G4UPU 59/59 IO83UC 50.2 S H88BFX  
06181036 G3MCS 59/59 IO93TL 50.2 S H88BFX  
06211935 G3PYI 55/58 IO81 50.2 S H88BFX  
06211956 G4PCI 51/51 IO91AL 50.2 S H88BFX  
06221100 G3PQ 59/59 IO91AM 50.2 S H88BFX  
06221200 G4DC7 51/51 JO02 50.2 S H88BFX  
06221202 G0LCS 59/59 IO91WP 50.2 S H88BFX  
06231214 G4TCM 41/51 50.2 S H88BFX  
06241939 G7GK IO82 > JO66 SM7AED  
06250748 G4UPS IO80 E-scatter > JO66 SM7AED  
06250755 G3CCH IO93 E-scatter > JO66 SM7AED  
06270744 G4UPS > JO66 SM7AED  
06270754 G3CCH both E-scatter > JO66 SM7AED  
06300742 G4UPS, G3CCH mostly ME SM7AED  
07010750 G4UPS, G3CCH M/S > JO66 SM7AED  
07020740 G4UPS E-scatter, > JO66 SM7AED  
07020754 G3CCH M/S > JO66 SM7AED  
07030446 G3CCH M/S > JO66 SM7AED  
07162315+G4IFX E VE9AA  
07162315+M/PHIPES/P VE9AA

## ESTONIA

06031355 H88BFX 569 > IO80JV B G4UPS  
06031440 H88BFX 569 > IO80JV B G4UPS  
06031701 H88BFX 579/559 KO29WH > IO80 C G4UPS  
06031701 H88BFX 579/559 KO38 EIBO C G4UPS  
06031822 H88BFX 599/599 KO29HK W G4UPS  
06031843 H88BFX ELAVA KO21HK > IO80 W G4UPS  
06040756 H88BFX 55 > IO80JV H G4UPS  
06040840 H88BFX 569, H88BFX 569 S G4UPS  
06040919 H88BFX 57/57 KO28TK > IO80JV S G4UPS  
06040928 H88BFX 599/599 KO38 TOM C G4UPS  
06040943 H88BFX 59/59 KO37MU, TOM S G4UPS  
06041116+H88BFX 599 > IO80JV H G4UPS  
06041606 H88BFX 559 > IO80JV H G4UPS  
06041804 H88BFX 599 -1855 > IO80JV H G4UPS  
06050720 H88BFX 579 0907 > IO80JV H G4UPS  
06050922 H88BFX 559 > IO80JV B G4UPS  
06050948 H88BFX 57 > IO80JV H G4UPS  
06050956 H88BFX 57 > IO80JV H G4UPS  
06050956 H88BFX 55 > IO80JV H G4UPS  
06051000+H88BFX 599 -1110 > IO80JV H G4UPS  
06061418 H88BFX 569 > IO80JV B G4UPS  
06061458 H88BFX 599/579 KO29NI BRUNO C G4UPS  
06061721 H88BFX 579, ELIAJ 57 B G4UPS  
06061721 H88BFX 57 > IO80JV H G4UPS  
06071820 H88BFX 59/59 KO29NI BRUNO S G4UPS  
06080906 H88BFX 559 > IO80JV B G4UPS

06092147 H88BFX 599/599 KO29HK ARVO C G4UPS  
06092147+H88BFX 599 > IO80JV B G4UPS  
06100720 H88BFX 579 > IO80JV B G4UPS  
06101936 H88BFX 569/569 KO38 ARVO C G4UPS  
06150750 H88BFX 339 QSB OUT > IO80JV H G4UPS  
06181628 H88BFX 579 > IO80JV H G4UPS  
06181753+H88BFX 579 > IO80JV B G4UPS  
06181913+H88BFX 599 > IO80JV H G4UPS  
06190940 H88BFX, H88BFX 579 > IO80JV B G4UPS  
06191051 H88BFX 559, H88BFX 579 > IO80JV H G4UPS  
06191055 H88BFX 599/569 KO29 > IO80JV C G4UPS  
06201100 H88BFX, H88BFX 599 > IO80JV B G4UPS  
06201133 H88BFX 599/599 KO29HK ARVO C G4UPS  
06221725 H88BFX 559, ELIAJ 57 > IO80JV B G4UPS  
06230900 H88BFX 579 > IO80JV B G4UPS  
06241933+H88BFX 579, H88BFX 569 B G4UPS

## FAROE ISLANDS

06181800 OH4FE 579 > JO66 SM7AED

## FINLAND

06031412 OH1SIX 579 > IO80JV B G4UPS  
06031715 OH3MF 599, OH2KT 599 H G4UPS  
06031841 OH2MMW 59/59 KO20PI BERY S G4UPS  
06031841 OH2SIX 579 > IO80JV B G4UPS  
06031904 OH3QL 599/599 KE20HI OLAVI C G4UPS  
06031945 OH5WDD KP28 > JO66 SM7AED  
06032010 OH1SIX 569, OH98IX 569 B G4UPS  
06032015 OH3WLP 59/59 KP11RK JUUKA S G4UPS  
06041440 OH98IX 569 -1500 > IO80JV B G4UPS  
06041756 OH3WE 57/57 KP11UL > IO80JV B G4UPS  
06050720 OH1SIX 449 > IO80JV B G4UPS  
06050948 OH5PW 55 > IO80JV B G4UPS  
06050956 OH1SIX 559 -1110 > IO80JV B G4UPS  
06050956 OH3QL 339 > IO80JV B G4UPS  
06051000 OH3RU 559/559 KP20 > IO80JV C G4UPS  
06051652 OH2MMW H89AME  
06061502 OH2LY H89AME  
06061750 OH3WLP 599/599 KP11RK JUUKA C G4UPS  
06081020 OH1SIX 599 > IO80JV B G4UPS  
06081024 OH3MF 59/59 KP20FR RAUBO S G4UPS  
06081045 OH3MF 59/59 KP11RK JUUKA S G4UPS  
06081054 OH2BNP/3 59/59 KP20RK S G4UPS  
06101853 OH3AP/MVI 35, 41 81944 H G4UPS  
06120206 OH3MF 599 -2023 > IO80JV H G4UPS  
06181555 OH3WLP 59/59 KP11 JUUKA S G4UPS  
06181555+OH1SIX, OH98IX 579 > IO80JV B G4UPS  
06181555+OH3WLP 599 > IO80JV H G4UPS  
06181753 OH3EX 55/55 KP20JR JORNA S G4UPS  
06191708 OH3QL 449 > IO80JV H G4UPS  
06191713 OH3EX 55/55 KP20JR JORNA S G4UPS  
06191801+OH3WLP 35 > IO80JV H G4UPS  
06191829 OH3WLP KP11 > JO66 SM7AED  
06201135+OH2VE 579 > IO80JV H G4UPS  
06201200 OH1SIX 589 > IO80JV C G4UPS  
06221610 OH1SIX 599 > IO80JV B G4UPS  
06221616 OH3WLP 599/599 KP11 > IO80JV C G4UPS  
06221622 OH6KTL 55/55 KP02OJ LARSE S G4UPS  
06240645 OH1SIX 559 < 0730 > IO80JV B G4UPS  
06241746 OH2AAQ KO29 > JO66 SM7AED  
06241812 OH5WQ KP20 > JO66 SM7AED  
06241827 OH3QK KP52 > JO66 SM7AED  
07101226 OH2AP KP20PP > IO90AT 144.3 G00PE

## FRANCE

05150753 F5JUK/KRP > JO66 SM7AED  
06011145 F1MKE 55/55 JO50GQ 50.2 S H88BFX  
06030801 F6CVY 559/559 > IO80JV C G4UPS  
06031026 F6YKY JH35AT IO80JV 50.20 B G4UPS  
06031407 F5LJA 59/59 JO10JA 50.2 S H88BFX  
06061010 F8OF 59/59 JH26MH GEORGE S G4UPS  
06100934 F5GE 59/58 JH33LN JEAN CARRES G4UPS  
06111330 F6DR > IO80JV H G4UPS  
06111645 F5BYN 59/59 JH54KD 50.2 S H88BFX  
06181433 F8OF JH26 > JO66 SM7AED  
06182032 F5TQA 59/59 JH36BG JOHN S G4UPS  
06182033 F6KAR 599/599 JH36AF PHIL C G4UPS  
06221109+P 57 > IO80JV H G4UPS  
06221314 F5RKP JH08 > JO66 SM7AED  
06231224 FLANK 55/54 IN97 50.2 S H88BFX  
06250957+P3UE 59 -0958 > IO80JV H G4UPS  
06261100 F -1200 > JO66 SM7AED  
07162044 F5JUK partial WKD 02144 VE9AA  
07162315+P VE9AA

## GERMANY

05160740 DJ0GA JH67 > JO66 SM7AED  
06010725+DF8AA 599 > IO80JV H G4UPS  
06010741 DL1RTD 599/599 JO62QX C G4UPS  
06020645+DL1UU 579 > IO80JV H G4UPS  
06030724 DJ6EM 599/599 JH48BJ UDO C G4UPS  
06041215 DL5UBA 59 > IO80JV H G4UPS  
06041215 DL5UBA 59 > IO80JV H G4UPS  
06041345+DL2NDE 57 > IO80JV H G4UPS  
06041345+DL3AMA 599 > IO80JV H G4UPS  
06041756+DF8AA 59 > IO80JV H G4UPS  
06060818 DL4MDQ 579 > IO80JV H G4UPS  
06061532 DL7ER 59/59 JO62BO OTTO S G4UPS  
06061555 DL8HCE 59/59 JOE > IO80JV S G4UPS  
06061603 DJ6TN 599/599 JO54BF GUNTER C G4UPS  
06070650 DL6UCW 559 > IO80JV H G4UPS  
06070737 DL6YDH 59/59 JO41MV OTTO S G4UPS  
06070752 DL3AMA 599/599 > IO80JV C G4UPS  
06091837 DL3DXK 57/51 JO61VC 50.2 S H88BFX  
06091853+DL4MDQ 59 > IO80JV H G4UPS  
06092100+DL > IO80JV H G4UPS  
06101320 DF9OX 59/59 JO42RH ANDY S G4UPS  
06131117 DJ6TK 599/599 WILF > IO80JV C G4UPS  
06171802 DL7AV 57/57 JH58TD 50.2 S H88BFX  
06180753 DL1OJ 579/569 JH58EG HEIJJO C G4UPS  
06181022 DL2DKA 59/57 JO61VC 50.2 S H88BFX  
06181023 DL7AHR 59/55 JO62OL 50.2 S H88BFX  
06181028 DL4AL 59/57 JO50WJ 50.2 S H88BFX  
06181029 DF3GY 55/55 JH48 50.2 S H88BFX



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06270593	WFOG	DM50	FM42EN	144	W	W18WT
06270604	WAWOEA	FM50EN	FM42EN	144	W	W18WT
06271605	WBBM	2 IL		737	T	OGLETHRO
06271605	WBAV	2 WI		892	T	OGLETHRO
06282710	WAVE	2 WI		692	T	OGLETHRO
06292250	WBBM	2 IL		737	T	OGLETHRO
07012608	WAVE	3 MI	NY Louisville		T	WASIXY
07012752	WJQQ	NY	Tombhawk	92.5	F	WASIXY
07012753	WBOG	WI	Tombah	94.5	F	WASIXY
07012769	WBAV	WI	Green Bay		T	WASIXY
07012819	W3TVE	WM55	DO	DM61	W	WASQCP
09022349	W3TVE	WM52	DO	DM61	W	WASQCP
07052633	WJQQ	IL	Greenburg107.3	T	SHAFTH	
07052726	W3TVE	WM55	DO	DM50	W	WOMT
07052936	WJBB	WI	Superior	102.5	F	SHAFTH
07062269	WAVE	3 MI	NY Louisville		T	WASIXY
07062635	WFOG	2 IL	Terra Haute		T	WASIXY
07062527	W3TVE	WM63	DO	DM50	W	WOMT
07062531	WJBB	IL	Chandler	93.9	F	WASIXY
07062597	W3TVE	IL	Chicago	93.9	F	WASIXY
07062701	WJBB	IL	Hammond	92.3	F	WASIXY
07062703	WCKG	IL	Elmwood Palois.9	F	WASIXY	
07062703	WFOG	IL	Evaton	105.1	F	WASIXY
07062715	W3TVE	2 WI	Green Bay		T	W3TVE
07062715	W3TVE	3 WI	Madison		T	WASIXY
07062732	WJQQ	NY	Tombhawk	92.5	F	WASIXY
07062723	W3TVE	WI	Eagle Rive	94.5	F	WASIXY
07062724	WFOG	WI	Opencore	92.5	F	WASIXY
07062253	W3TVE	WI	Berlin	102.3	F	SHAFTH
07062310	WCOM	WI	Sparta	97.1	F	SHAFTH
07062312	WPTL	WI	Lomira	97.7	F	SHAFTH
07062336	WVCN	WI	Tombah	98.9	F	SHAFTH
07062320	W3TVE	WI	Berlin	102.3	F	SHAFTH
07062324	W3TVE	WI	Cleveland	98.1	F	SHAFTH
07062351	WDDC	WI	Portage	100.7	F	SHAFTH
07062355	WFMZ	WI	Wendemoise	58.3	F	SHAFTH
07062359	W3TVE	WI	Highland	91.3	F	SHAFTH
07070025	K9					VE9AA
07070035	W3TVE	3 WI	Madison	DO	T	SHAFTH
07071559	WBBM	2 IL	Chicago	DO	T	SHAFTH
07071659	W3TVE	3 WI	Madison	DO	T	SHAFTH
07232183	WAVE	3 IL	Louisville	KY	T	WASIXY

## United States, WO

062523345	KWOP	2 WK	N. Platte	1141	T	JFFERS
060721100	KNBP	3 CO	Denver	806	T	QGLTRC
060721233	KCBK	4 CO		806	T	QGLTRC
060923330	KGFE	2 ND	Prairie	PVT1086	T	QGLTRC
061311425	KGMA	2 WD		1110	T	QGLTRC
061923558	KGMA	2 LA		672	T	QGLTRC
061922200	KGMA	2 ND		1110	T	QGLTRC
062002559	KTVS	3 CO	120°		T	VZ76KA
062017556	NO	EM29			B	WASQCP
062114420	KAOBAD	DM37	> DL44		G	H2HBW
062114423	KOKY	DM69	> DL14		G	KR2HBW
062115530	WOSTU	DM07	> DL44		G	KR2HBW
062215559	MOIFL	DM76	> DL44		G	KR2HBW
062312143	WBOC	DM70*	> DM61		B	WASQCP
062323156	WOMTK	DM59	> DM51		B	WASQCP
062500598	KOAA	5 CO		940	T	KRUS8KA
062501131	KTVS	3 CO	ID	945	T	KRUS8KA
062501145	TWGN	2 CO		806	T	QGLTRC
062510300	KWOP	2 WK		717	T	QGLTRC
062510400	KIVV	5 BD	FOX 7	987	T	QGLTRC
062510500	KGMA	2 ND		1110	T	QGLTRC
062521139	KOBLA	DM97	> DM59	50.120	W	WOMTK
062521245	KOGUY	KM35	> DM59	-2200	W	WOMTK
062600553	KOAA	5 CO		734	T	QGLTRC
062603115	KGFE	2 BD		1086	T	QGLTRC
062603315	KWSE	4 BD	Prairie/2	1206	T	QGLTRC
062615340	KWGN	2 CO		806	T	QGLTRC
062616000	KWOP	2 WK		717	T	QGLTRC
062700166	WORRY	EM26	> FM42EM	144	W	WLBWT
062700188	WOJRP	EM27	> FM42EM	144	W	WLBWT
062700233	WOJW	EM26	> FM42EM	144	W	WLBWT
062700208	WOFK	EM47	> FM42EM	144	W	WLBWT
062700307	WAOET	EM38	> FM42EM	144	W	WLBWT
062700400	WOZY	EM48	> FM42EM	144	W	WLBWT
062700531	LCRR	2 LA	Waterloo	97.7	T	KRUS2KA
062703394	KGMA	2 LA		672	T	QGLTRC
062717700	WPCA	2 MW		860	T	QGLTRC
062717700	WCCO	4 MW		870	T	QGLTRC
062717729	KGMA	2 LA		672	T	QGLTRC
062816551	KOBLA	EM48	> DM59	50.130	W	WOMTK
063002249	KWOL	125X	EM09	50.077	B	VZ76KA
063002559	KRWK	3 KS	125°		T	VZ76KA
063003324	WOMTK	140X	DM59	50.065	B	VZ76KA
063032100	KOMA	2 ND	KXMB-12	Wx 1110	T	QGLTRC
063032353	KPRY	4 BD	KRKY	ID 908	T	QGLTRC
071012559	KGAN	2 LA	Cedar Rapids		T	WAS1YX
071011745	KIVV	5 BD	FOX 7	987	T	QGLTRC
071011745	RHOP	2 WE		717	T	QGLTRC
071011753	WOJRW	130	DM79	50.065	A	VZ76KA
071011757	KOEL	2 LA	Oswego	92.3	T	WAS1YX
071011758	KREG	3 CO	130°		T	VZ76KA
071018031	KDUH	4 WE	KOTA-3	Ex 852	T	QGLTRC
071018066	WOMVE	4 CO	DM79	50.125	G	VZ76KA
071019355	KCBK	4 CO	130°		T	VZ76KA
071019555	KWGN	2 CO	130°		T	VZ76KA
071201255	WOMTK	59	-2145	> CH85	G	W7DB
072020230	KREG	5 CO	130°		T	VZ76KA
072020235	KROCO	130	DM71	50.125	G	VZ76KA
072020236	WOLL		> CH85		B	W7DB
072020240	WOLL	599	> CH85		B	W7DB
072020240	WBORMJ	569	> CH85		B	W7DB
072020258	KLEY	4 KS	130°		T	VZ76KA
072020269	KWMA	2 ND	Dickinson	1148	T	JFFERS
072020300	KSWK	6	KS 130°		T	VZ76KA
072020305	WOLL	130	EM09	50.077	B	VZ76KA
072020314	KDWB	1				



07021940 EKMA 2 ND Dickinson T WASIYX  
07022000 WQ CO > H84XP  
07022140 KAOPAN EN33+ 2 DM61 W WASOCP  
07022140 WQ EN34 2 DM61 W WASOCP  
07022150 KFYR 5 ND ID 124.0 T KRUSRA  
07022150 KDLO 3 SD Watertown T WASIYX  
07022220 KINT 3 LA Mason City T WASIYX  
07022220 KTCB 2 MI St. Paul T WASIYX  
07022240 KRAL 3 SD Duluth 95.9 T WASIYX  
07022240 KOTA 3 SD Rapid City T WASIYX  
07022247 KQDS 3 MI Duluth 94.9 T WASIYX  
07022252 KOTA 3 SD 115.0 T KRUSRA  
07022259 WIRS 3 MI Duluth 92.5 T WASIYX  
07022300 KIVV 5 SD Fox 110.0 T KRUSRA  
07022300 WTBK 3 MI Gibbing 93.9 T WASIYX  
07022310 KILE 1 LA Retherville 95.9 T WASIYX  
07022310 KTVB 3 CO 94.5 T KRUSRA  
07022311 KJEO 3 SD Sioux Falls 92.5 T WASIYX  
07030017 WOLL/B 8050W 98 50.075 T WASIYX  
07030109 KXRA 3 MI Alexandria 92.3 T WASIYX  
07030121 KTVB 3 LA Ottumwa > 90.1 T SHAPTON  
07031432 KXRM 3 MO Cheffes 104.7 T SHAPTON  
07031437 KQEA 3 MO Doniphan 97.5 T SHAPTON  
07031500 KKOZ 3 MO Ava 92.1 T SHAPTON  
07031504 KSYE 3 MO Joplin 92.5 T SHAPTON  
07031508 KTYT 3 MO Springfield 92.5 T SHAPTON  
07031508 WDAE 4 MO Kansas City 92.5 T SHAPTON  
07031723 WVDQ 3 MI > DM59 50.145 T WMTK  
07032300 WDAY 6 ND Fargo 118.0 T SHAPTON  
07032322 KMGY 3 MI Grand Rapids 96.9 T SHAPTON  
07032325 KFGX 3 MI Detroit Lakes 95.1 T SHAPTON  
07032327 KXGT 3 ND Jamestown 93.5 T SHAPTON  
07032332 KSKK 3 MI Staplen 94.9 T SHAPTON  
07032338 KJWB 3 SD Sisseton 102.9 T SHAPTON  
07032345 KQLX 3 ND Lisbon 106.1 T SHAPTON  
07032345 KJLT 3 MI Grand Forks 104.3 T SHAPTON  
07032346 KJLB 3 MI Brezzybt 104.3 T SHAPTON  
07060000 KGFZ 2 ND Grand Forks PTV T SHAPTON  
07060001 KQML 3 MI Thief River 91.5 T SHAPTON  
07060028 WDAY 6 ND Fargo 118.0 T SHAPTON  
07060035 WOLL 3 MI > DM59 50.075 T WASIYX  
07080035 WOLL 3 MI > DM59 50.075 T WASIYX  
07080037 WJLR 125 DM79 50.065 T VE7SKA  
07080043 KOYO/r 125 DM60 50.125 T VE7SKA  
07080044 WQ 0456 DM 78/79 50.125 T VE7SKA  
07080044 KOYO DM60 50.125 T VE7SKA  
07100235 KBOYH DM79 DENVER 50.130 T VE7SKA  
07103177 KINT 2 MO St. Louis 92.5 T WASIYX  
07111450 KTVB 2 MO St. Louis 92.5 T WASIYX  
07121233 KOYO DM60 > DM59 50.125 T VE7SKA  
07132208 KPOAM DM84 RAPIDCITY 50.130 T VE7SKA  
07132216 KBOJW WND 2222 50.125 T VE7SKA  
07132219 WOLL 50.125 T VE7SKA  
07132244 KOKM 55 DM67 > CH85 50.125 T VE7SKA  
07132239 WOLL 50.125 T VE7SKA  
07140002 WJLR 120 DM79 50.065 T VE7SKA  
07140040 KBOJW DM79 DENVER 50.130 T VE7SKA  
07140127 KOGU S9+20 DM70 > CH85 50.125 T VE7SKA  
07140152 WQ CO DM79 > CH85 50.125 T VE7SKA  
07140253 KBOJW DM79 DENVER 50.130 T VE7SKA  
07140530 WJLR W7XU EN13 > CH84 50.125 T VE7SKA  
07142250 WMTK & 07150245 > CH84 50.125 T VE7SKA  
07142311 WJLR & 07150143 > CH84 50.125 T VE7SKA  
07142337 WOLL > CH84 50.125 T VE7SKA  
07151339 KUSD 2 SD Vermillion 92.5 T WASIYX  
07151657 KNOB 2 MI North Platte 92.5 T WASIYX  
07161719 KQAM 2 IA Cedar Rapids 92.5 T WASIYX  
07161732 KJUY 2 IA Ankeny 92.5 T WASIYX  
07162234 KESD 3 SD Brookings 88.3 T SHAPTON  
07162237 KJLP 3 MI Madison 92.5 T SHAPTON  
07162238 KXLP 3 MI New Ulm 92.5 T SHAPTON  
07162239 KJLP 3 MI Luverne 101.1 T SHAPTON  
07162250 KJLB 3 MI Willmar 95.3 T SHAPTON  
07162252 KJLB 3 MI Cold Spring 94.9 T SHAPTON  
07162300 KBTB 3 MI St. Paul 102.1 T SHAPTON  
07162303 KAGE 3 MI Winona 95.3 T SHAPTON  
07162310 KXKR 3 MI Rochester 97.5 T SHAPTON  
07162315 KIBT 3 MI Pipestone 98.7 T SHAPTON  
07162315 WJJO 3 MI St. Cloud 98.1 T SHAPTON  
07162319 KQIC 3 MI Willmar 102.5 T SHAPTON  
07162321 WJLR 3 MI Minneapolis 102.5 T SHAPTON  
07162325 KTVB 3 MI Minneapolis 98.5 T SHAPTON  
07162342 KOWS 3 MI Bloomington 100.9 T SHAPTON  
07162342 KRCB 3 MI Rochester 101.7 T SHAPTON  
07162344 KYSN 3 MI Mankato 103.5 T SHAPTON  
07162345 KJLY 3 MI Blue Earth 104.5 T SHAPTON  
07162352 KUGO 3 IA Milford 102.1 T SHAPTON  
07162354 KIKM 3 SD Sisseton 102.5 T SHAPTON  
07162359 KJWB 3 MI Blue Earth 98.1 T SHAPTON  
07170028 KO 3 SD Sisseton 102.5 T SHAPTON  
07170346 KBOJW 110 DM54 50.125 T VE7SKA  
07170438 WBOHO/b 125 EN10 50.060 T VE7SKA  
07170438 WOLL/b 130 EN09 50.077 T VE7SKA  
07171713 KXGR 2 CO Denver DM79 50.130 T WASIYX  
07171726 KVOO 3 CO Greeley 92.5 T WASIYX  
07180212 KQEC 3 MI DM59 50.130 T WMTK  
07181512 WOLL 8050W K Smith 50.077 T WASIYX  
07181512 WMTK DM59 CO Fruit 50.065 T WASIYX  
07200600 WOLL 8050W K Smith 50.077 T WASIYX  
07201604 WMTK WJLR > CH85 50.125 T VE7SKA  
07201610 WOPOR DM79 > CH85 50.125 T VE7SKA  
07201612 KTVB 3 CO Sterling 92.5 T WASIYX  
07201652 WQ/WA2TGYE DM79 59+ > CH85 50.125 T VE7SKA  
07201809 KOYO 52 DM60 > CH85 50.125 T VE7SKA  
07211658 KOTA 3 IA Rapid City T WASIYX  
07231642 KQAN 2 IA Cedar Rapids T WASIYX  
07232359 KBOYH DM79 120X 50.125 T VE7SKA  
07240153 WJLR DM79 > CH85 50.065 T VE7SKA  
07240211 WBOHO EN10 > CH87 50.061 T VE7SKA  
07240212 WOLL EN09 > CH87 50.077 T VE7SKA  
07240221 KAOHAD 57 DM57 > CH85 50.125 T VE7SKA  
07240300 WMTK DM59 > CH87 50.065 T VE7SKA  
07240307 KAOHAD DM57 > CH87 50.125 T VE7SKA

## Reports of Oceania

### AUSTRALIA General

07020350 VK3IX 46.172 V VK3IX  
07130200 VT TV 59 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
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07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX

### AUSTRALIA-VK2

07020350 VK3IX 46.172 V VK3IX  
07130200 VT TV 59 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
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07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX

### AUSTRALIA-VK3

07020350 VK3IX 46.172 V VK3IX  
07130200 VT TV 59 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
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07130210 VK3IX 46.240 V VK3IX

### AUSTRALIA-VK4

07020350 VK3IX 46.172 V VK3IX  
07130200 VT TV 59 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX

### AUSTRALIA-VK7

07020350 VK3IX 46.172 V VK3IX  
07130200 VT TV 59 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
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07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX  
07130210 VK3IX 46.240 V VK3IX

### GUAM

07050225 KX2/AMO > DM55 50.110 T VE7SKA  
07100614 KX2/AMO 170X 359 50.110 T VE7SKA  
07110728 KX2/AMO > DM55 50.110 T VE7SKA  
07110859 KX2/AMO > DM55 50.110 T VE7SKA  
07110859 KX2/AMO > DM55 50.110 T VE7SKA  
07110859 KX2/AMO > DM55 50.110 T VE7SKA  
07110859 KX2/AMO > DM55 50.110 T VE7SKA  
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07110859 KX2/AMO > DM55 50.110 T VE7SKA  
07110859 KX2/AMO > DM55 50.110 T VE7SKA

### HAWAIIAN IS.

07052000 KX2/AMO > DM55 50.110 T VE7SKA  
07060617 KX2/AMO > DM55 50.110 T VE7SKA  
07070200 KX2/AMO > DM55 50.110 T VE7SKA  
07070213 KX2/AMO > DM55 50.110 T VE7SKA  
07080900 KX2/AMO > DM55 50.110 T VE7SKA  
07080940 KX2/AMO > DM55 50.110 T VE7SKA  
07080940 KX2/AMO > DM55 50.110 T VE7SKA  
07080940 KX2/AMO > DM55 50.110 T VE7SKA  
07080940 KX2/AMO > DM55 50.110 T VE7SKA  
07080940 KX2/AMO > DM55 50.110 T VE7SKA

### Minami Tori Shima

07040332 J01/JA08U 140 59 Minamitorishima  
07040332 J01/JA08U 140 59 Minamitorishima  
07040332 J01/JA08U 140 59 Minamitorishima  
07040332 J01/JA08U 140 59 Minamitorishima  
07040332 J01/JA08U 140 59 Minamitorishima  
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07040332 J01/JA08U 140 59 Minamitorishima  
07040332 J01/JA08U 140 59 Minamitorishima  
07040332 J01/JA08U 140 59 Minamitorishima

### NEW ZEALAND

07060300 ELTV 90 QF12 45.250 V VK30T  
07130430 ELTV 90 QF12 45.250 V VK30T  
07130430 ELTV 90 QF12 45.250 V VK30T  
07130430 ELTV 90 QF12 45.250 V VK30T  
07130430 ELTV 90 QF12 45.250 V VK30T  
07130430 ELTV 90 QF12 45.250 V VK30T  
07130430 ELTV 90 QF12 45.250 V VK30T  
07130430 ELTV 90 QF12 45.250 V VK30T  
07130430 ELTV 90 QF12 45.250 V VK30T  
07130430 ELTV 90 QF12 45.250 V VK30T

### Ogasawara Island

07107000 J01/JA08U 140 59 Minamitorishima  
07107000 J01/JA08U 140 59 Minamitorishima  
07107000 J01/JA08U 140 59 Minamitorishima  
07107000 J01/JA08U 140 59 Minamitorishima  
07107000 J01/JA08U 140 59 Minamitorishima  
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07107000 J01/JA08U 140 59 Minamitorishima  
07107000 J01/JA08U 140 59 Minamitorishima  
07107000 J01/JA08U 140 59 Minamitorishima

### Reports of South America

07107000 J01/JA08U 140 59 Minamitorishima  
07107000 J01/JA08U 140 59 Minamitorishima  
07107000 J01/JA08U 140 59 Minamitorishima  
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07107000 J01/JA08U 140 59 Minamitorishima  
07107000 J01/JA08U 140 59 Minamitorishima

### ARGENTINA

06261523 LU2777 GP057 > DM61 W WASOCP  
06261523 LU2777 GP057 > DM61 W WASOCP  
06261523 LU2777 GP057 > DM61 W WASOCP  
06261523 LU2777 GP057 > DM61 W WASOCP  
06261523 LU2777 GP057 > DM61 W WASOCP  
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06261523 LU2777 GP057 > DM61 W WASOCP  
06261523 LU2777 GP057 > DM61 W WASOCP  
06261523 LU2777 GP057 > DM61 W WASOCP  
06261523 LU2777 GP057 > DM61 W WASOCP

### BRAZIL

07161939 PT77 on slow 50.125 T VE7SKA  
07161939 PT77 on slow 50.125 T VE7SKA  
07161939 PT77 on slow 50.125 T VE7SKA  
07161939 PT77 on slow 50.125 T VE7SKA  
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07161939 PT77 on slow 50.125 T VE7SKA  
07161939 PT77 on slow 50.125 T VE7SKA

### VENEZUELA

06302233 VV4AB FK50 > H84XP  
06302233 VV4AB FK50 > H84XP  
06302233 VV4AB FK50 > H84XP  
06302233 VV4AB FK50 > H84XP  
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06302233 VV4AB FK50 > H84XP

## Beacon News

FP8EK: posted on June 30: "I have an offer for an excellent beacon site, but it does not have electrical service. If anyone has experience with operating a beacon from alternative energy sources, especially wind generated power, I would like to hear from you. St. Pierre et Miquelon has lots of wind most of the year, but I'm concerned about salt air corrosion, excessive winds (over 160 km/hr), icing, and overall system reliability. For now the beacon continues to operate from my home

QTH, except when I'm operating on the band myself."

VK3SIX: Both 28.253 and 50.053 MHz beacons are on only during hours of daylight.

KO4XX: is running 2W from Orlando, FL, EL-98, on 50.077.

VE6EMU: in DO33 has recently added a 2nd frequency, 144.285 with 20W to a 5 el Yagi pointed N & elevated 15' (for aurora). The 6m beacon is on 50.041 with 35W to a 4 el pointed NNE.

PY2SFY: is on 50.009 with 5W and a 5 el wave vertical in GG77GA at 2350 mts ASL. Please send reports to py2dnr@py2gnu.SPBR.SA.

VR2SIX: is back on 50.075 with 7W and GP by VR2AF/VR2IL.

SR8SIX: is a new Polish beacon on 50.029 MHz.

S5SZRS: has started to drift badly and could (in early June) be found anywhere between 50.015 and 50.024. G4UPS writes that later in June it settled down to 50.024 MHz.

## QSL News

ZA1MH: via Z32KV, Box 10, Struga, MACEDONIA.

HP1XBI: via F6AJA.

YJ8UU: via ZL2HE.

5A1A: Box 74420, Tripoli, LIBYA.

ER5AA: via I8VVGZ.

T97M: via K2PE.

T93M: via K2PE.

YO4DCF: PO Box 49, 6100 Braila, ROMANIA.

SOTUSA/L: via DL9USA.

UR4LL: via DF6NA.

YR7G: via YO7BSN.

3Z0JP: via SP6GVU.

CU7BC: via CU7AM.

5A28: to OE2GRP, Recep Gorsoy, Moserkellergasse 16, A-5202 Neumarkt a W AUSTRIA.

YM7BA: PAOTLX, PO Box 2010, 1180 EA Amstelveen, THE NETHERLANDS.

CY0SAB: via VE1CBK.



ZF2DN/ZF8: via KP4AM.  
ZF2DE/ZF8: via N4BP.  
ZF2PU/ZF8: via W4OVU.  
ZF2JS/ZF8: via WD4JNS.

OH0/N4GN & OJ0/N4GN: Tim  
Totten, 8309 Dawson Hill Road, Louis-  
ville, KY 40299-5317.

OJ0/OH1VR: Seppo Sisatto, Lansirir-  
teenkatu 23, 33400 Tampere, FINLAND

## DX-pedition News

**Willis Island (VK9):** The Oceania DX Group announced Willis Island and IOTA Coral Sea Islands Territory DXpeditions. On September 9, 10 operators will depart from Cairns on the 60' vessel Floreat. The first destination is Willis Island North Islet. This journey will take approx. 30 hours. Over 3 tons of equipment including 800 liters of petrol will be unloaded for a 12 day stay. With two separate campsites, the operators will be able to set up six complete HF stations and one on 6m. All Yaesu transceivers and amplifiers will be used, with Australian-made antennas, including full-size quarter-wave verticals for all the low bands. After Willis, the group will go to Holmes Reef, where they will operate for about 30 hours. All landing permits have been granted and received. The budget is over \$32,000-US. Donations are most welcome at ODXG, PO Box 929, Gympie, QLD. 4570, AUSTRALIA.

**Midway Atoll (KH4):** Ted, NH6YK is working for the US Fish and Wildlife Service from about July 6-August 20. He posts: "In my FREE time, I'll be trying to make contacts on several bands--including 6m and 10m. It isn't a DXpedition, and on days off that look too good for other things, I may sneak out for a dive, snorkel, or a walk around the island. I'll be listening on 50.110 and calling there. I'll have a 5 element Yagi and 100W amplifier on the trusty FT 690R2. I may have a keyer going as a beacon (maybe 50.115?), but please try to break me on voice first, slow CW if that doesn't work. On 10m try 28.480. (I can't do liaison on 28.885 at the moment)-- and it is UNLIKELY that I'll be able to get e-mail."

**Liechtenstein HB0:** Pierre, HB0QQ will be QRV from August 10-14.

**Libya:** OE3KLU, Charly, and others from the Icom-Austria Radio Club will be QRV as 5A28 from August 28-September 7. In addition to planned HF activity, they have applied for 6 and 2 meters.

**Oki-Archipelago (AS-041):** Hiromi, JA4DND, reports that his trip was canceled because of a big typhoon, but that they will try to reschedule in the next few months.

**Vanuatu:** Stuart, YJ8UU, will be QRV from Vila for the next few years including 6m with an Icom 706 and 3 el Delta loop. Look for him daily at 0630Z on 50.110.

**Azores:** CU7BC will be QRV on 6m and 2m from July 20-August 25 from HM58 (Faial) with an IC706, 100W, and 5 el Yagi @ 50m ASL.

**Madagascar:** 5R8DA is now reported QRV on 6m with an IC-706 and 5 el beam.

## KLM News

The July 16 Fresno Bee had a story on the front page of the business section about Mike, K6MYC, and M<sup>2</sup> headlined **Fresno, We Have A Problem**. An antenna manufactured by M<sup>2</sup> kept Russian space station Mir in contact with NASA after an on-board fire severely damaged the station. The earth-based antenna that kept the radio contact clear and continuous was designed by Mike.

The article on this accomplishment and others by M<sup>2</sup> was also picked up by channel 47 news (in Fresno).

Mike cc'd me a FAX to CQ Magazine re: "A Linear Amplifier Keying Circuit For the IC-706" by John Seybold, K4PRC, which appeared in June 1997 CQ Magazine.

To: Alan M. Dorhoffer  
From: Mike Staal, K6MYC  
Ref. Page 24-25 June 1997 CQ

I am embarrassed for you and the author. Just quickly, the 706 manual is incorrect stating that the keying circuit will handle only 20 mA. Further, the circuit does not use a relay to pull external relays to ground, it is a transistor with a 1-Amp rating. Icom knows about this but recommends the current be limited to 200 mA. I have keyed much more than that (500 mA at 35 VDC) and never had a problem. There are also two jacks where "key to ground" comes out. The flimsy wired connector shown in the article is OK, but a better choice is to use the RTTY jack which is a miniature stereo jack, and one can then easily put a male RCA on the other end and you are done.

Please do a bit more research on this and print a correction or update so 9000 guys don't go to all the trouble

Mr. Seybold went through.

73, Mike

Mike also sent me a spec sheet on their 6M7JHV, a mid-sized 7 element 6 meter Yagi designed originally for Dave Batcho, N5JHV.

With a 30'8" boom it boasts a 10.9 dBd gain with 40' E-plane beamwidth and 42' H-plane beamwidth, a 25 dB front to back and a very clean pattern for reducing local noise.

The stacking distance (for horizontal polarization) is 27' wide and 25' high, and four of these antennas with that spacing will produce 17 dBd.

The 6M7JHV is 17# (shipping weight 20#), and is UPS shippable. M<sup>2</sup> is at 7460 N. Del Mar Ave., Fresno, CA 93711 (209) 432-8873.

## Eastern V/UHF Conference

The 23rd annual Eastern VHF/UHF Conference will be held August 22, 23, & 24, 1997 at the Harley Hotel, Bright Meadow Blvd. (off Rt. 5) in Enfield, CT 06082.

Speakers and subjects on August 23 include:  
W2VU - VHF+ Operating  
WB2VVV - Receivers  
WA3ZKR - Microwave Construction  
W3ZZ - Bandsession  
WA1MBA - 3, 4, 5, 6, & 10 GHz in a box  
WA2AAU - Filters  
N2CEI - Construction Techniques  
W1VT - Dead-bug Style Construction  
AF1T - Brass Rail Construction  
WZ1V - Building 6m TVI Filters  
WA1VVH - Mounting 0805 Size Components  
WA3ZKR - Using Scalar Analyzers

Activities include:  
Lab Demos  
Rx Noise Figure Measurements  
VHF-Microwave Trivia Quiz  
Antenna Gain Measuring  
VHF-SHF Swap'n Sell  
Door Prizes

An ARRL-published Proceedings book with the event schedule and many interesting articles is included with your registration. New this year is a Technical Laboratory which will be in operation most of the Conference. We encourage you to bring a project to de-hug or tune with some newer type test equipment.

Stan Hilinski, KA1ZE, Conference Chairman, 17 Pilgrim Drive, Tolland, CT 06084 (860) 649-3258